

## 111.4 - Clays (powder form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM Description Unit of Issue	97b Flint Clay (60 g)	98b Plastic Clay (60 g)	679 Brick Clay (75 g)
(Concentrations are in mass fractions, in %, unless noted by an asterisk for mg/kg)			
Aluminum	20.76	14.30	11.01
Antimony	(2.2)*	(1.6)*	
Barium	(0.018)	(0.07)	0.0432
Calcium	0.0249	0.0759	0.1628
Cerium			(105)*
Cesium	(3.4)*	(16.5)*	(9.6)*
Chromium	227*	119*	109.7*
Cobalt	(3.8)*	(16.3)*	(26)*
Europium	(0.84)*	(1.3)*	(1.9)*
Hafnium	(13)*	(7.2)*	(4.6)*
Iron	0.831	1.18	9.05
Lithium	550*	215*	71.7*
Loss on Ignition	13.3	7.5	
Magnesium	0.113	0.358	0.7552
Manganese	47*	116*	(1730)*

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Phosphorus	(0.02)	(0.03)	(0.075)
Potassium	0.513	2.81	2.433
Rubidium	(33)*	(180)*	(190)*
Scandium	(22)*	(22)*	(22.5)*
Silicon	19.81	26.65	24.34
Sodium	0.0492	0.1496	0.1304
Strontium	84*	189*	73.4*
Thorium	(36)*	(21)*	(14)*
Titanium	1.43	0.809	0.577
Zinc	(87)*	(110)*	(150)*
Zirconium	(0.05)	(0.022)	

- Certified values are normal font
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